

TLSI.P-001-2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Simon, Thor Confirmation No.: 1862  
Serial Number: 10/604,863 Art Unit: 2661  
Filing Date: August 22, 2003 Examiner:  
Title: Improved Signaling System for Telecommunications

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PRIORITY CLAIM


Commissioner for Patents  
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Sir:

Please make of record that this application is a continuation of U.S. application number 09/857,136, filed November 12, 1999, incorporated herein by reference, which claims priority from U.S. application number 60/110,398, filed December 1, 1998, and which claims priority from U.S. application number 60/132,552, filed May 5, 1999. Please see highlighted copies of the Filing Receipt received, the Application Data Sheet as filed, and the first page of the application Specification as filed.

We do not believe there is any fee associated with this request. However, if need be, the Commissioner is authorized to debit any fees deemed due from Deposit Account Number 15-0610.

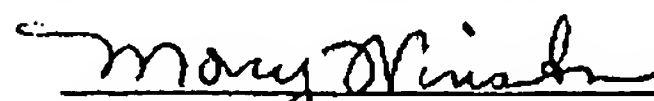
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/604,863	08/22/2003	2661	.762	TLSI.P001-2	4	35	9

CONFIRMATION NO. 1862

21121

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## FILING RECEIPT

\*OC000000011357512\*

Date Mailed: 11/25/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Thor Simon, New York, NY;

## Domestic Priority data as claimed by applicant

This application is a CON of 09/857,136 09/10/2001 \*

(\*)Data provided by applicant is not consistent with PTO records.

## Foreign Applications

If Required, Foreign Filing License Granted: 11/25/2003

Projected Publication Date: 03/04/2004

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

## Preliminary Class

COPY

370

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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US-Request

Page 1 of 2

## APPLICATION DATA SHEET

Electronic Version v14

Stylesheet Version v14.0

## Title of Invention

IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

Application Type: regular, utility

Attorney Docket Number: TLSI.P001-2

## Correspondence address:

Customer Number:

21121

\*21121\*

## Continuing Data:

This is a Continuation of US application number 09857136, filed 1999-11-12 , now pending.

US application number 09857136, filed 1999-11-12 is a Non-Provisional of US application number 60110398, filed 1998-12-01 , now expired.

US application number 09857136, filed 1999-11-12 is a Non-Provisional of US application number 60132552, filed 1999-05-05 , now expired.

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as my attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

## Publication Information:

Suggested Figure for Publication - 4

Suggested Classification -

Suggested Technology Center -

Total Number of Drawing Sheets - 4

Electronic Version

Stylesheet Version v1.1.1

## Description

# IMPROVED SIGNALING SYSTEM FOR TELECOMMUNICATIONS

### CROSS REFERENCE TO RELATED APPLICATIONS

[0001] This is a continuation of US appl. no. 09/857,136, filed November 12, 1999, incorporated herein by reference, which claims priority from US appl. no. 60/110,398, filed December 1, 1998, and which claims priority from US appl. no. 60/132,552, filed May 5, 1999.

### BACKGROUND OF INVENTION

[0002] In modern telephone networks, the voice path between a calling party and a called party and the signalling path which is used to control call-processing (call setup, tear-down, billing, etc.) are distinct. This network architecture is known as a "Common Channel Signaling" ("CCS") architecture and is common throughout the North American Public Switched Telephone Network ("PSTN") and other telephone carrier networks worldwide.

[0003]

The CCS architecture enables rapid call setup and tear-down as well as many advanced services (i.e. Alternate Billing Services, "800" toll-free calling, Intelligent Network services, wireless roaming, Local Number Portability). In the CCS, telephone switches are connected directly to each other by voice trunks (as in previous architectures) and are also connected by a parallel network of signaling links, which are point-to-point digital data circuits generally operating at 56 kilobits per second